

MOISTURIZING LIPOSOMES WITH VITAMIN A, E & UREA

CODE: LIP-1

Date of last amendment: 09.12.2021

INCI name: WATER (AQUA) (AND) PHOSPHOLIPIDS (AND) UREA (AND) PHENOXYETHANOL (AND) RETINYL PALMITATE (AND) CAPRYLYL GLYCOL (AND) TOCOPHERYL ACETATE

DESCRIPTION: LIP-1 is composed of purified non-GMO soy phospholipids. These natural delivery systems encapsulate and transport Vitamin A palmitate, Vitamin E acetate, water and urea to the target cells. This carefully selected blend of active ingredients provide high moisturizing and repairing power.

COMPOSITION (INCI NAME)	% (weight)	CAS #
Water (Aqua)	83,480	7732-18-5
Phospholipids	10,000	123465-35-0
Urea	5,000	57-13-6
Retinyl palmitate	0,500	79-81-2
Tocopheryl acetate	0,020	7695-91-2 / 58-95-7
Preservatives:		
Caprylyl Glycol	0,200	1117-8-8
Phenoxyethanol	0,800	122-99-6

Particle size:	100 – 500 nm (LLS)
Manufacturing method:	Microfluidization
Net charge of the liposome:	Negative
Type of liposome:	Oligo-unilamellar
Color:	Light yellow
Appearance:	Semitranslucent to opalescent liquid. Absence of foreign matter
Odor:	Mild, pleasant
pH:	4.50 – 6.00 (25°C) (USP XXVII)
Density:	0.980 – 1.050 (pycnometer) (20°C) (USP XXVII)
Dry residue:	15.0 gr % minimum (0.5 gr. 1 hour 110° C)
Microbiological control:	Mesophilic bacteria: less than 200 CFU/gr. Moulds & yeast: less than 20 CFU/gr. No pathogens.

Keep refrigerated (5-15°C). Do not freeze. Protect from light. Shake before use.

EXTERNAL COSMETIC USE